

AWARD/CONTRACT		1. This Contract Is A Rated Order Under DPAS (15 CFR 700)		Rating DOA4		Page 1 Of 30	
2. Contract (Proc. Inst. Ident) No. W56HZV-04-C-0020		3. Effective Date 2003DEC30		4. Requisition/Purchase Request/Project No. SEE SCHEDULE			
5. Issued By TACOM WARREN BLDG 231 AMSTA-AQ-ABGB TOM SARGEE (586)753-2324 WARREN, MICHIGAN 48397-5000 HTTP://CONTRACTING.TACOM.ARMY.MIL e-mail address: SARGEET@TACOM.ARMY.MIL		Code W56HZV		6. Administered By (If Other Than Item 5) DCMA GRAND RAPIDS RIVERVIEW CENTER BLDG 678 FRONT ST., NW GRAND RAPIDS, MI 49504-5352 SCD C PAS NONE ADP PT HQ0337		Code S2303A	
7. Name And Address Of Contractor (No. Street, City, County, State, And Zip Code) ENGINEERED MACHINED PRODUCTS, INC. N/A 3111 N 28TH STREET ESCANABA, MI. 49829-9318 TYPE BUSINESS: Other Small Business Performing in U.S.				8. Delivery <input type="checkbox"/> FOB Origin <input checked="" type="checkbox"/> Other (See Below) SEE SCHEDULE			
				9. Discount For Prompt Payment			
				10. Submit Invoices (4 Copies Unless Otherwise Specified)		Item 12	
Code 1HUX0 Facility Code				To The Address Shown In:			
11. Ship To/Mark For SEE SCHEDULE		Code		12. Payment Will Be Made By DFAS - COLUMBUS CENTER DFAS-CO/NORTH ENTITLEMENT OPERATION P.O. BOX 182266 COLUMBUS OH 43218-2266		Code HQ0337	
13. Authority For Using Other Than Full And Open Competition: <input type="checkbox"/> 10 U.S.C. 2304(c)() <input type="checkbox"/> 41 U.S.C. 253(c)()				14. Accounting And Appropriation Data ACRN: AA 21 42040000046N6N7EP665502255Y S20113 W56HZV			
15A. Item No. SEE SCHEDULE	15B. Schedule Of Supplies/Services CONTRACT TYPE: Cost-Plus-Fixed-Fee	15C. Quantity	15D. Unit	15E. Unit Price	15F. Amount		
				KIND OF CONTRACT: Research and Development Contracts			
15G. Total Amount Of Contract						\$729,122.00	
16. Table Of Contents							
(X)	Section	Description	Page(s)	(X)	Section	Description	Page(s)
Part I - The Schedule				Part II - Contract Clauses			
X	A	Solicitation/Contract Form	1	X	I	Contract Clauses	18
X	B	Supplies or Services and Prices/Costs	2	Part III - List Of Documents, Exhibits, And Other Attachments			
X	C	Description/Specs./Work Statement	5	X	J	List of Attachments	30
X	D	Packaging and Marking	7	Part IV - Representations And Instructions			
X	E	Inspection and Acceptance	8		K	Representations, Certifications, and Other Statements of Offerors	
X	F	Deliveries or Performance	9				
X	G	Contract Administration Data	10		L	Instrs., Conds., and Notices to Offerors	
X	H	Special Contract Requirements	12		M	Evaluation Factors for Award	
Contracting Officer Will Complete Item 17 Or 18 As Applicable							
17. <input checked="" type="checkbox"/> Contractor's Negotiated Agreement (Contractor is required to sign this document and return 2 signed copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. (Attachments are listed herein.)				18. <input type="checkbox"/> Award (Contractor is not required to sign this document.) Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.			
19A. Name And Title Of Signer (Type Or Print)				20A. Name Of Contracting Officer WYMAN E. YOUNG II YOUNGE@TACOM.ARMY.MIL (586)574-8093			
19B. Name of Contractor By _____ (Signature of person authorized to sign)		19c. Date Signed		20B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)		20C. Date Signed 2003DEC30	
NSN 7540-01-152-8069 PREVIOUS EDITIONS UNUSABLE				25-106 GPO : 1985 0 - 478-632		Standard Form 26 (Rev. 4-85) Prescribed By GSA-FAR (4.8 CFR) 53.214(a)	

CONTINUATION SHEET		Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020MOD/AMD			Page 2 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.					
ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS				
	ULTRA HIGH EFFICIENCY BLOWER SYSTEM	1	LO		\$ 729,122.00
	NOUN: FY 04 PH II SBIR, EMP SECURITY CLASS: Unclassified				
	Inspection and Acceptance INSPECTION: DestinationACCEPTANCE: Destination				
	Deliveries or Performance DLVR SCHPERF COMPL REL CDQUANTITYDATE 001131-DEC-2004 \$ 729,122.00				
	Contractor shall furnish all the supplies and services to accomplish the task specified in Section C "Scope of Work."				
	Est.Cost: \$694,402 Fixed Fee: \$ 34,720 Total Amount: \$729,122				
	(End of narrative B001)				
	ULTRA HIGH EFFICIENCY BLOWER SYSTEM				
	NOUN: FY04 PHII SBIR ENGINEERED MAC PRON: E142C027EHPRON AMD: 01ACRN: AA AMS CD: 665502M4055 (AMOUNT: \$ 729,122.00)				
0002	DATA ITEM				
	SECURITY CLASS: Unclassified				
	Technical Data as set forth in Contract Data Requirements List (DD Form 1423)			Not Separately Priced	

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 4 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

B.1 Estimated Cost and Payment

B.1.1 The estimated cost for performance of the work required under this contract is as stated in Section B Schedule.

B.1.2 The Contractor will be paid for the fixed fee stated in Section B under CLIN 0001 for the performance of work under the Contract and in accordance with the terms of the Contract Clause entitled, "FIXED FEE," (Mar 1997), FAR 52.216-8. The fixed fee together with the reimbursement of cost shall constitute full and complete consideration for the Contractor's service in connection with the work required and performed under this Contract.

B.1.3 Allowable cost shall be determined, and payment shall be provided, in accordance with the Contract Clause entitled, "ALLOWABLE COST AND PAYMENT."

B.2 Payment

The Contractor may submit public vouchers every two weeks for payment under this Contract. The fee will be payable at the time of reimbursement of cost at the same rate as the total Contract fee bears to the total estimated cost, subject to any withholding pursuant to provisions of this Contract.

*** END OF NARRATIVE B 001 ***

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W56HZV-04-C-0020 MOD/AMD</p>	<p style="text-align: center;">Page 5 of 30</p>
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

SECTION C - DESCRIPTION/SPECIFICATIONS/WORK STATEMENT

C.1 General SOW:

The contractor, acting as an independent contractor and not as an agent of the government, shall evaluate, design, model and simulate, prototype, and test (6) fan and blower components (axial, radial, mixed-flow) for applications in a 5 ton FMTV primary and auxiliary cooling system, but scaleable for a range of military applications and platforms, to achieve a twenty-five percent (25%) total fan efficiency, (maximum total fan efficiency is define as; the ratio of fan power output to the power input of the fan) improvement over baseline configurations (COTS axial).

C.2 Technical Objectives:

The technical objective of this project is to analyze, design, model and simulate, prototype, test, and evaluate electrically controlled air-moving devices.

C.2.1 The contractor shall bench test the six (as referred in section C.1) air-moving devices as noted in section C.1.

C.2.2 The contractor shall baseline the axial electric fans (from OT DAAE07-01-3-004) installed in the FMTV and the air moving devices in section C.1. These baselines will be used as a basis to measure outcomes of the proposed effort. (The FMTV vehicle will be used as a demonstrator vehicle, Description: FMTV Truck, S/N 3522, National Stock Number NSN 2320-01-354-3386)

C.2.3 The contractor shall recommend the most efficient air moving device(s) that is able to be integrated into the demonstration vehicle.

C.2.3.1 The contractor shall install (at a minimum) one (1) efficient air-moving device into a FMTV demonstrator vehicle for system performance evaluation.

C.3 Engineering Analyses:

C.3.1 The contractor shall produce complete engineering analysis of all six (as referred in section C.1) designs, ensuring that theoretical and/or empirical calculations are included in the analysis.

C.4 Modeling and Simulation:

C.4.1 The contractor shall M&S the six (as referred in section C.1) air moving device(s) in order to validate the trade-off and engineering analysis.

C.4.2 The contractor shall develop solid model concept designs of the air-moving device(s).

C.4.3 The contractor shall develop computational fluid dynamics (CFD) simulations of the six air moving devices to ensure complete convergence.

C.4.4 The contractor shall provide a finite element analysis (FEA) of components where required.

C.4.5 The contractor shall model and simulate the results and effects of the six (as referred in section C.1) air-moving devices, when implemented into The demonstrator FMTV system.

C.5 Prototype, Bench test, and Vehicle System Testing:

C.5.1 The contractor shall develop and prototype the six (as referred in section C.1) high efficiency air moving devices.

C.5.1.1 The contractor shall bench test the prototypes developed to validate the designs.

C.5.1.2 The contractor shall compare the data collected from bench testing (with the engineering analysis) and modeling and simulation to validate the outcome.

C.5.2 The contractor shall install the most efficient air movement device analyzed, (that is able to be integrated into the demonstrator vehicle) for limited performance testing, evaluation, and demonstration.

C.5.3 The contractor shall compare the baseline (from OT DAAE07-01-3-004) and the installed high efficient air-moving device(s) (as referred in section C.2.3) data to measure results of performance improvements.

C.5.4 The contractor shall compare these vehicle tests to the system (FMTV Demonstrator vehicle) model to validate cooling system performance.

C.5.5. The contractor shall ensure that the demonstration vehicle is in original (OT DAAE07-01-3-004) configuration after all efforts are completed and/or approved by COR.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 6 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

C.6 Deliverables:

C.6.1 Progress Reports. The Contractor shall prepare and deliver "Contractor Status, Progress and Management Reports," in accordance with (IAW) Exhibit A, Contract Data Requirements List (CDRL, DD Form 1423), Data Item No. A001.

C.6.2 Technical Reports. The Contractor shall prepare and deliver a draft and final Technical Report IAW Exhibit A, CDRL, Data Item No. A002.

C.6.3 Presentation Materials. The Contractor shall prepare and deliver presentation materials IAW Exhibit A, CDRL, Data Item No. A003.

C.6.4 Prototypes. The contractor shall deliver six prototypes, including the applicable six solid models and applicable detail engineering drawings of the ultra high efficiency air-moving devices.

*** END OF NARRATIVE C 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 7 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.			

SECTION D - PACKAGING AND MARKING

D.1 Packaging and Packing:

The Contractor shall package and pack all items deliverable under this Contract in accordance with standard commercial practice to assure arrival at destination without damage or loss.

*** END OF NARRATIVE D 001 ***

Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

SECTION E - INSPECTION AND ACCEPTANCE

	Regulatory Cite	Title	Date
E-1	52.246-8	INSPECTION OF RESEARCH AND DEVELOPMENT--COST-REIMBURSEMENT (ALTERNATE I (APR 1984))	APR/1984

E.2 Inspection and Acceptance

The Contracting Officer's Representative (COR) is responsible for inspecting and accepting or rejecting all reports and presentation material submitted by the Contractor to the Government, at destination, in accordance with the terms of the Contract.

*** END OF NARRATIVE E 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 9 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.			

SECTION F - DELIVERIES OR PERFORMANCE

	Regulatory Cite	Title	Date
F-1	52.242-15	STOP WORK ORDER--(ALTERNATE I dated APR 1984)	AUG/1989
F-2	52.227-4002 (TACOM)	DATA (SOFTWARE)	APR/1985

All data deliverable under this contract shall be delivered in accordance with the quantities and schedules as specified on the Contract Data Requirements List (CDRL) DD Form 1423, and shall be delivered F.O.B. Destination to the following address:

Commander
US Army Tank-automotive and Armaments Command
ATTN: (See DD Form 1423, Block 14)
Warren, MI 48397-5000

F.3 Deliverables

F.3.1 Data:The Contractor shall submit all data electronically, in accordance with Exhibit A, Contract Data Requirements List (CDRL), DD Form 1423.

F.3.2 Hardware: The contractor deliver all hardware required by this contract, F.O.B. Destination to the following address:

Russell Kouba AMSRD-TAR-N MS/272
U.S. Army TACOM
6501 East Eleven Mile Rd.
Warren, MI. 48397-5000

F.3.2.1 Prototypes. The contractor shall deliver six prototypes, including the applicable six solid models and applicable detail engineering drawings of the ultra high efficiency air-moving devices.

F.4 Period of Performance

The Contract's period of performance shall be twelve (12) months from the date of Contract award.

*** END OF NARRATIVE F 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 10 of 30
	PIIN/SIIN W56HZV-04-C-0020MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

SECTION G - CONTRACT ADMINISTRATION DATA

LINE ITEM	PRON/ AMS CD/		OBLG STAT	ACCOUNTING CLASSIFICATION	JOB ORDER NUMBER	ACCOUNTING STATION		OBLIGATED AMOUNT
	MIPR	ACRN						
000101	E142C027EH	AA	2	21 42040000046N6N7EP665502255Y S20113	42C027	W56HZV	\$	729,122.00
	665502M4055							
TOTAL							\$	729,122.00

SERVICE NAME	TOTAL BY ACRN	ACCOUNTING CLASSIFICATION	ACCOUNTING STATION	OBLIGATED AMOUNT
Army	AA	21 42040000046N6N7EP665502255Y S20113	W56HZV	\$ 729,122.00
TOTAL				\$ 729,122.00

Regulatory Cite	Title	Date
G-1 52.242-4016 (TACOM)	COMMUNICATIONS	MAY/2000

(a) Communications on technical matters pertaining to the contract shall be direct between the contractor and the Technical Representative. Communications for the Technical Representative shall be addressed to:

Name: Mr. Russel Kouba
e-mail: koubar@tacom.army.mil

(b) The Administrative Contracting Officer's (ACO) name and email address are also provided if known at this time:

ACO: Ms. Marla Armstrong
e-mail: marla.armstrong@dcma.mil

(c) Please see the appointment letters prepared at time of contract award for functions the Technical Representative and ACO will perform on this contract.

[End of Clause]

G-2	252.201-7000	CONTRACTING OFFICER'S REPRESENTATIVE	DEC/1991
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(a) Definition. Contracting Officer's Representative means an individual designated in accordance with subsection 201.602-2 of the Defense Federal Acquisition Regulation Supplement and authorized in writing by the contracting officer to perform specific technical or administrative functions.

(b) If the Contracting Officer designates a contracting officer's representative (COR), the Contractor will receive a copy of the written designation. It will specify the extent of the COR's authority to act on behalf of the contracting officer. The COR is not authorized to make any commitments or changes that will affect price, quality, quantity, delivery, or any other term or condition of the contract.

[End of Clause]

G-3	52.227-4004 (TACOM)	RELEASE OF INFORMATION	OCT/2003
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The contractor shall ensure that he complies with the requirements of Chapter 5, page 22, paragraph 5-48, of AR 360-1, The Army Public Affairs Program, dated 15 Oct 2000, prior to contemplated release of any procurement information. Approval of the Contracting Officer is required prior to release of any such information. AR 360-1 may be found at http://www.usapa.army.mil/pdffiles/r360_1.pdf.

[End of clause]

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 11 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	

Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

G-4	52.232-4005	INVOICE INFORMATION REQUIREMENT	JAN/1988
(TACOM)			

On each payment request submitted, the Contractor shall identify each affected Contract Line Item Number (CLIN), sub-CLIN, and/or work directive, together with the related dollar amounts. This requirement does not diminish or restrict any other requirement of this contract.

G.4 CONTRACTOR: SPECIAL BILLING INSTRUCTIONS:

G.4.1 The Contractor shall bill to the alpha numeric Sub-Line Item Number (SLIN) level and ACRN under the four-digit Contract Line Item Number (CLIN), see Section B, for which the work effort was performed.

G.4.2 If multiple SLINs exist on the same four-digit major CLIN, the Contractor shall determine which alpha-numeric SLIN contains the oldest fiscal year money and invoice against the SLIN containing the oldest money, until fully billed.

G.4.3 To determine the fiscal year of funds, refer to the "Job Order Number" (JON) column that applies to ALL funding under the four digit CLIN, as shown in Section G - Contract Administration Data. The first digit of the JON represents the fiscal year. (For example, CLIN 0001 is funded by SLINs 000101, and 000102. If JON: 22C334 is associated with 000101 and JON: 32C205, associated with 000102, SLIN 000101 is FY 2002 funding and shall be invoiced prior to invoicing against SLIN 000102, which is FY 2003 funding.)

G.5 DFAS: SPECIAL PAYMENT INSTRUCTIONS:

DFAS will make payments as billed by the contractor.

*** END OF NARRATIVE G 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued	Page 12 of 30
	PIIN/SIIN W56HZV-04-C-0020MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

SECTION H - SPECIAL CONTRACT REQUIREMENTS

	Regulatory Cite	Title	Date
H-1	252.204-7000	DISCLOSURE OF INFORMATION	DEC/1991
H-2	252.205-7000	PROVISION OF INFORMATION TO COOPERATIVE AGREEMENT HOLDERS	DEC/1991
H-3	252.225-7001	BUY AMERICAN ACT AND BALANCE OF PAYMENTS PROGRAM	APR/2003
H-4	252.225-7002	QUALIFYING COUNTRY SOURCES AS SUBCONTRACTORS	APR/2003
H-5	252.225-7004	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
H-6	252.225-7009	DUTY-FREE-ENTRY--QUALIFYING COUNTRY SUPPLIES (END PRODUCTS AND COMPONENTS)	AUG/2000
H-7	252.231-7000	SUPPLEMENTAL COST PRINCIPLES	DEC/1991
H-8	252.235-7011	FINAL SCIENTIFIC OR TECHNICAL REPORT	SEP/1999
H-9	252.242-7004	MATERIAL MANAGEMENT AND ACCOUNTING SYSTEM	DEC/2000
H-10	252.246-7000	MATERIAL INSPECTION AND RECEIVING REPORT	MAR/2003
H-11	252.246-7001	WARRANTY OF DATA	DEC/1991

H-12 252.227-7036 DECLARATION OF TECHNICAL DATA CONFORMITY JAN/1997
(a) All technical data delivered under this contract shall be accompanied by the following written declaration:

The Contractor, _____, hereby declares that, to the best of its knowledge and belief, the technical data delivered herewith under Contract No. DAAE07-_____ are complete, accurate, and comply with all requirements of the contract.

Date	Name and Title of Authorized Official
------	---------------------------------------

This written certification shall be dated and the certifying official (identified by name and title) shall be duly authorized to bind the Contractor by the certification.

(b) The Contractor shall identify, by name and title, each individual (official) authorized by the Contractor to certify in writing that the technical data are complete, accurate, and comply with all requirements of the contract. The Contractor hereby authorizes direct contact with the authorized individual responsible for certification of technical data. The authorized individual shall be familiar with the Contractor's technical data conformity procedures and their application to the technical data to be certified and delivered.

(c) Technical data delivered under this contract may be subject to reviews by the Government during preparation and prior to acceptance. Technical data are also subject to reviews by the Government subsequent to acceptance. Such reviews may be conducted as a function ancillary to other reviews, such as in-process reviews or configuration audit reviews.
(End of clause)

H-13 252.227-7037 VALIDATION OF RESTRICTIVE MARKINGS ON TECHNICAL DATA SEP/1999

(a) Definitions. The terms used in this clause are defined in the Rights in Technical Data-Noncommercial Items clause of this contract.

(b) Contracts for commercial items--presumption of development at private expense. Under a contract for a commercial item, component, or process, the Department of Defense shall presume that a Contractor's asserted use or release restrictions are justified on the basis that the item, component, or process was developed exclusively at private expense. The Department shall not challenge such assertions unless information the Department provides demonstrates that the item, component, or process was not developed exclusively at private expense.

(c) Justification. The Contractor or subcontractor at any tier is responsible for maintaining records sufficient to justify the validity of its markings that impose restrictions on the Government and others to use, duplicate, or disclose technical data delivered or required to be delivered under the contract or subcontract. Except under contracts for commercial items, the Contractor or subcontractor shall be prepared to furnish to the Contracting Officer a written justification for such restrictive markings in response to a challenge under paragraph (e) of this clause.

(d) Prechallenge request for information.

(1) The Contracting Officer may request the Contractor or subcontractor to furnish a written explanation for any restriction asserted by the Contractor or subcontractor on the right of the United States or others to use technical data. If, upon review of the explanation submitted, the Contracting Officer remains unable to ascertain the basis of the restrictive marking, the Contracting Officer may further request the Contractor or subcontractor to furnish additional information in the records of, or otherwise in the possession of or reasonably available to, the Contractor or subcontractor to justify the validity of any restrictive marking on technical data delivered or to be delivered under the contract or subcontract (e.g., a statement of facts accompanied with supporting documentation).

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W56HZV-04-C-0020 MOD/AMD</p>	<p style="text-align: center;">Page 13 of 30</p>
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

The Contractor or subcontractor shall submit such written data as requested by the Contracting Officer within the time required or such longer period as may be mutually agreed.

(2) If the Contracting Officer, after reviewing the written data furnished pursuant to paragraph (d)(1) of this clause, or any other available information pertaining to the validity of a restrictive marking, determines that reasonable grounds exist to question the current validity of the marking and that continued adherence to the marking would make impracticable the subsequent competitive acquisition of the item, component, or process to which the technical data relates, the Contracting Officer shall follow the procedures in paragraph (e) of this clause.

(3) If the Contractor or subcontractor fails to respond to the Contracting Officer's request for information under paragraph (d)(1) of this clause, and the Contracting Officer determines that continued adherence to the marking would make impracticable the subsequent competitive acquisition of the item, component, or process to which the technical data relates, the Contracting Officer may challenge the validity of the marking as described in paragraph (e) of this clause.

(e) Challenge.

(1) Notwithstanding any provision of this contract concerning inspection and acceptance, if the Contracting Officer determines that a challenge to the restrictive marking is warranted, the Contracting Officer shall send a written challenge notice to the Contractor or subcontractor asserting the restrictive markings. Such challenge shall-

(i) State the specific grounds for challenging the asserted restriction;

(ii) Require a response within sixty (60) days justifying and providing sufficient evidence as to the current validity of the asserted restriction;

(iii) State that a DoD Contracting Officer's final decision, issued pursuant to paragraph (g) of this clause, sustaining the validity of a restrictive marking identical to the asserted restriction, within the three-year period preceding the challenge, shall serve as justification for the asserted restriction if the validated restriction was asserted by the same Contractor or subcontractor (or any licensee of such Contractor or subcontractor) to which such notice is being provided; and

(iv) State that failure to respond to the challenge notice may result in issuance of a final decision pursuant to paragraph (f) of this clause.

(2) The Contracting Officer shall extend the time for response as appropriate if the Contractor or subcontractor submits a written request showing the need for additional time to prepare a response.

(3) The Contractor's or subcontractor's written response shall be considered a claim within the meaning of the Contract Disputes Act of 1978 (41 U.S.C. 601, et seq.), and shall be certified in the form prescribed at 33.207 of the Federal Acquisition Regulation, regardless of dollar amount.

(4) A Contractor or subcontractor receiving challenges to the same restrictive markings from more than one Contracting Officer shall notify each Contracting Officer of the existence of more than one challenge. The notice shall also state which Contracting Officer initiated the first in time unanswered challenge. The Contracting Officer initiating the first in time unanswered challenge after consultation with the Contractor or subcontractor and the other Contracting Officers, shall formulate and distribute a schedule for responding to each of the challenge notices to all interested parties. The schedule shall afford the Contractor or subcontractor an opportunity to respond to each challenge notice. All parties will be bound by this schedule.

(f) Final decision when Contractor or subcontractor fails to respond. Upon a failure of a Contractor or subcontractor to submit any response to the challenge notice, other than a failure to respond under a contract for commercial items, the Contracting Officer will issue a final decision to the Contractor or subcontractor in accordance with the Disputes clause of this contract pertaining to the validity of the asserted restriction. This final decision shall be issued as soon as possible after the expiration of the time period of paragraph (e)(1)(ii) or (e)(2) of this clause. Following issuance of the final decision, the Contracting Officer will comply with the procedures in paragraphs (g)(2)(ii) through (iv) of this clause.

(g) Final decision when Contractor or subcontractor responds.

(1) If the Contracting Officer determines that the Contractor or subcontractor has justified the validity of the restrictive marking, the Contracting Officer shall issue a final decision to the Contractor or subcontractor sustaining the validity of the restrictive marking, and stating that the Government will continue to be bound by the restrictive marking. This final decision shall be issued within sixty (60) days after receipt of the Contractor's or subcontractor's response to the challenge notice, or within such longer period that the Contracting Officer has notified the Contractor or subcontractor that the Government will require. The notification of a longer period for issuance of a final decision will be made within sixty (60) days after receipt of the response to the challenge notice.

(2) (i) If the Contracting Officer determines that the validity of the restrictive marking is not justified, the Contracting

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W56HZV-04-C-0020 MOD/AMD</p>	<p style="text-align: center;">Page 14 of 30</p>
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

Officer shall issue a final decision to the Contractor or subcontractor in accordance with the Disputes clause of this contract. Notwithstanding paragraph (e) of the Disputes clause, the final decision shall be issued within sixty (60) days after receipt of the Contractor's or subcontractor's response to the challenge notice, or within such longer period that the Contracting Officer has notified the Contractor or subcontractor of the longer period that the Government will require. The notification of a longer period for issuance of a final decision will be made within sixty (60) days after receipt of the response to the challenge notice.

(ii) The Government agrees that it will continue to be bound by the restrictive marking for a period of ninety (90) days from the issuance of the Contracting Officer's final decision under paragraph (g)(2)(i) of this clause. The Contractor or subcontractor agrees that, if it intends to file suit in the United States Claims Court it will provide a notice of intent to file suit to the Contracting Officer within ninety (90) days from the issuance of the Contracting Officer's final decision under paragraph (g)(2)(i) of this clause. If the Contractor or subcontractor fails to appeal, file suit, or provide a notice of intent to file suit to the Contracting Officer within the ninety (90)-day period, the Government may cancel or ignore the restrictive markings, and the failure of the Contractor or subcontractor to take the required action constitutes agreement with such Government action.

(iii) The Government agrees that it will continue to be bound by the restrictive marking where a notice of intent to file suit in the United States Claims Court is provided to the Contracting Officer within ninety (90) days from the issuance of the final decision under paragraph (g)(2)(i) of this clause. The Government will no longer be bound, and the Contractor or subcontractor agrees that the Government may strike or ignore the restrictive markings, if the Contractor or subcontractor fails to file its suit within one (1) year after issuance of the final decision. Notwithstanding the foregoing, where the head of an agency determines, on a nondelegable basis, that urgent or compelling circumstances will not permit waiting for the filing of a suit in the United States Claims Court, the Contractor or subcontractor agrees that the agency may, following notice to the Contractor or subcontractor, authorize release or disclosure of the technical data. Such agency determination may be made at any time after issuance of the final decision and will not affect the Contractor's or subcontractor's right to damages against the United States where its restrictive markings are ultimately upheld or to pursue other relief, if any, as may be provided by law.

(iv) The Government agrees that it will be bound by the restrictive marking where an appeal or suit is filed pursuant to the Contract Disputes Act until final disposition by an agency Board of Contract Appeals or the United States Claims Court. Notwithstanding the foregoing, where the head of an agency determines, on a nondelegable basis, following notice to the Contractor that urgent or compelling circumstances will not permit awaiting the decision by such Board of Contract Appeals or the United States Claims Court, the Contractor or subcontractor agrees that the agency may authorize release or disclosure of the technical data. Such agency determination may be made at any time after issuance of the final decision and will not affect the Contractor's or subcontractor's right to damages against the United States where its restrictive markings are ultimately upheld or to pursue other relief, if any, as may be provided by law.

(h) Final disposition of appeal or suit.

(1) If the Contractor or subcontractor appeals or files suit and if, upon final disposition of the appeal or suit, the Contracting Officer's decision is sustained-

(i) The restrictive marking on the technical data shall be cancelled, corrected or ignored; and

(ii) If the restrictive marking is found not to be substantially justified, the Contractor or subcontractor, as appropriate, shall be liable to the Government for payment of the cost to the Government of reviewing the restrictive marking and the fees and other expenses (as defined in 28 U.S.C. 2412(d)(2)(A)) incurred by the Government in challenging the marking, unless special circumstances would make such payment unjust.

(2) If the Contractor or subcontractor appeals or files suit and if, upon final disposition of the appeal or suit, the Contracting Officer's decision is not sustained-

(i) The Government shall continue to be bound by the restrictive marking; and

(ii) The Government shall be liable to the Contractor or subcontractor for payment of fees and other expenses (as defined in 28 U.S.C. 2412(d)(2)(A)) incurred by the Contractor or subcontractor in defending the marking, if the challenge by the Government is found not to have been made in good faith.

(i) Duration of right to challenge. The Government may review the validity of any restriction on technical data, delivered or to be delivered under a contract, asserted by the Contractor or subcontractor. During the period within three (3) years of final payment on a contract or within three (3) years of delivery of the technical data to the Government, whichever is later, the Contracting Officer may review and make a written determination to challenge the restriction. The Government may, however, challenge a restriction on the release, disclosure or use of technical data at any time if such technical data.

(1) Is publicly available;

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 15 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

(2) Has been furnished to the United States without restriction; or

(3) Has been otherwise made available without restriction. Only the Contracting Officer's final decision resolving a formal challenge by sustaining the validity of a restrictive marking constitutes "validation" as addressed in 10 U.S.C. 2321.

(j) Decision not to challenge. A decision by the Government, or a determination by the Contracting Officer, to not challenge the restrictive marking or asserted restriction shall not constitute "validation."

(k) Privity of contract. The Contractor or subcontractor agrees that the Contracting Officer may transact matters under this clause directly with subcontractors at any tier that assert restrictive markings. However, this clause neither creates nor implies privity of contract between the Government and subcontractors.

(l) Flowdown. The Contractor or subcontractor agrees to insert this clause in contractual instruments with its subcontractors or suppliers at any tier requiring the delivery of technical data, except contractual instruments for commercial items or commercial components.

(End of clause)

H-14 252.227-7039 PATENTS -- REPORTING OF SUBJECT INVENTIONS APR/1990
The Contractor shall furnish the Contracting Officer the following:

(a) Interim reports every twelve (12) months (or such longer period as may be specified by the Contracting Officer) from the date of the contract, listing subject inventions during that period and stating that all subject inventions have been disclosed or that there are no such inventions.

(b) A final report, within three (3) months after completion of the contracted work, listing all subject inventions or stating that there were no such inventions.

(c) Upon request, the filing date, serial number and title, a copy of the patent application and patent number, and issue data for any subject invention for which the Contractor has retained title.

(d) Upon request, the Contractor shall furnish the Government an irrevocable power to inspect and make copies of the patent application file.

(End of clause)

H-15 52.204-4005 REQUIRED USE OF ELECTRONIC CONTRACTING DEC/2002
(TACOM)

(a) All contract awards, modifications and delivery orders issued by TACOM will be issued electronically. The contractor has the option to receive these actions either via the Worldwide Web (WWW) or Electronic Data Interchange (EDI). Many provisions and clauses appear "by reference," meaning only clause titles and regulation site are listed; their full texts can be found at the website <http://farsite.hill.af.mil/>

(b) In order to be eligible to receive an award under this solicitation, the successful offeror must be registered with the Department of Defense (DOD) Central Contractor Registration (CCR). The CCR registration process may be done electronically at the World Wide Web (WWW) site: <http://www.ccr.gov/>. (In order to be registered to use EDI, you must use the long form for registration. Certification information, including information on the EDI 838 TPP, must be furnished to the Contracting Officer within 60 calendar days after contract award to complete networking requirements within the Government.)

(c) Worldwide Web Distribution. The contractor will receive an electronic Notice of the Award, Modification, or Delivery Order via e-mail. If you choose the WWW option, you must download the file from the appropriate TACOM webpage:

Warren: http://contracting.tacom.army.mil/awards_official.htm
Rock Island: <http://aais.ria.army.mil/AAIS/AWDINFO/index.htm>
Picatinny: <http://procnnet.pica.army.mil/Contracts/Index.htm>
Red River Army Depot: <http://www.redriver.army.mil/contracting/Awards>
Anniston Army Depot: <http://www.anadprocnnet.army.mil>

(d) Electronic Data Interchange. If you choose to receive contract awards, modifications and delivery orders through EDI, they will be delivered electronically via the Federal Acquisition Network (FACNET). Federal Standard Version 3050 of Standard X12 from the American National Standards Institute (ANSI) will be used as the format for these electronic transactions.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 16 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

(1) You must complete the EDI 838 Trading Partner Profile, and must agree (i) to subcontract with a DoD certified VAN or Value Added Service (VAS) provider, or (ii) to become DoD certified as a Value Added Network (VAN). The EDI 838 Training Partner Profile is contained in the basic CCR registration form and includes portions of the registration form which are titled "Optional".

(2) You must select a VAN from the official DoD approved list. DoD Certified VANs are listed at <http://www.acq.osd.mil/ec/ecip/index.htm>. If your VAN is later removed from the official list, or if you voluntarily drop your initially selected VAN, then you must switch to a VAN that remains on the official DoD approved list. You must maintain an active account on a DoD approved VAN for the entire duration of the contract, beginning no later than the 60th day after award.

(e) Unless otherwise specified elsewhere in the contract, all data items you are required to provide under this contract must be submitted electronically. Acceptable formats include:

(1) Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower.): Word, Excel, Powerpoint, or Access

(2) 100 OR 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM

(3) E-MAIL (Maximum size of each e-mail message is be three and one-half (3.5) megabytes).

(4) Other electronic formats. Before submitting your data in any other electronic format, please e-mail the buyer identified on the face of the contract, with e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the buyer not later than ten calendar days before the required data submission date.

NOTE: The above formats may be submitted in compressed form using self-extracting files.

(f) Additional information can be obtained by sending a message to: acqcenweb@tacom.army.mil or by calling (586) 574-7059.
[End of Clause]

H-16 52.216-4008 STATUS OF FUNDS ON COST REIMBURSEMENT CONTRACTS/CLINS JUN/1989
(TACOM)

(a) The Contractor shall review the funding as it relates to work performed on the cost-reimbursement Contract Line Item Numbers (CLINs) under this contract and shall provide to the Procuring Contracting Officer (PCO) a written determination of what, if any, funds are excess to requirements (leaving a reasonable amount for final overhead rate negotiations and other reasonably predicted requirements) and are available for deobligation. This review shall be coordinated with the Administrative Contracting Officer (ACO), and the written determination shall be accomplished within 120 days of completion of performance under the CLIN. The report shall be prepared in terms of dollars available per Purchase Request Order Number (PRON), unless requested otherwise by the PCO.

(b) This report may be requested in writing by the PCO on additional occasions during the course of performance of work on cost-reimbursable CLINS contained in this contract. On such occasions, the written report shall be provided to the PCO within 14 days of Contractor receipt of the written request.

(End of clause)

H-17 52.246-4026 LOCAL ADDRESSES FOR DD FORM 250 MAR/2002
(TACOM)

(a) The contractor must provide a copy of each Material Inspection and Receiving Report (DD 250) pertaining to this contract, to the addresses given below, using either of the following methods:

(1) Our first preference is for you to use electronic mail (e-mail), using the following e-mail address:

DD250@tacom.army.mil

(2) Our second preference is for you to use data facsimile (datafax) transmission, using this fax number:

(586) 574-7552 and use "DD250 mailbox" in the "to:" block of your fax cover or header sheet.

In either method, do not mix DD250s from more than one contract in a single transmmission. That is, you may submit multiple DD250s in a single transmission, but they must all be against the same contract.

(b) These copies meet the requirements for the Purchasing Office copy and the Army Inventory Control Manager copy listed in tables 1 and 2 of DFARS Appendix F.

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 17 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	

Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

(c) The DD250 form may be found, in three different formats, on the World Wide Web at <http://webl.whs.osd.mil/icdhome/DD-0999.htm>

[End of Clause]

The contractor shall use the FMTV (located at contractor's facility) available on TACOM OT DAAE07-01-3-004, for testing and demonstartion purposes.

The following is the information on the vehicle:

Item:FMTV Truck

Part number:S/N 3522 NSN 2320-01-354-3386

Qty:01

Unit value:Estimated \$75,000

Total value:Estimated \$75,000

*** END OF NARRATIVE H 001 ***

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 18 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.			

SECTION I - CONTRACT CLAUSES

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this address: <http://farsite.hill.af.mil/>

[End of Clause]

	<u>Regulatory Cite</u>	<u>Title</u>	<u>Date</u>
I-1	52.202-1	DEFINITIONS	DEC/2001
I-2	52.203-3	GRATUITIES	APR/1984
I-3	52.203-5	COVENANT AGAINST CONTINGENT FEES	APR/1984
I-4	52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	JUL/1995
I-5	52.203-7	ANTI-KICKBACK PROCEDURES	JUL/1995
I-6	52.203-8	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-7	52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN/1997
I-8	52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	JUN/2003
I-9	52.204-4	PRINTING/COPYING DOUBLE-SIDED ON RECYCLED PAPER	AUG/2000
I-10	52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT	JUL/1995
I-11	52.211-5	MATERIAL REQUIREMENTS	AUG/2000
I-12	52.211-15	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS	SEP/1990
I-13	52.215-2	AUDIT AND RECORDS - NEGOTIATIONS	JUN/1999
I-14	52.215-8	ORDER OF PRECEDENCE--UNIFORM CONTRACT FORMAT	OCT/1997
I-15	52.215-10	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA	OCT/1997
I-16	52.215-12	SUBCONTRACTOR COST OR PRICING DATA	OCT/1997
I-17	52.215-14	INTEGRITY OF UNIT PRICES (ALTERNATE I, (OCT 1997))	OCT/1997
I-18	52.215-18	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS	OCT/1997
I-19	52.215-19	NOTIFICATION OF OWNERSHIP CHANGES	OCT/1997
I-20	52.216-7	ALLOWABLE COST AND PAYMENT	DEC/2002
I-21	52.216-8	FIXED FEE	MAR/1997
I-22	52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	OCT/2000
I-23	52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN	JAN/2002
I-24	52.219-14	LIMITATIONS ON SUBCONTRACTING	DEC/1996
I-25	52.219-16	LIQUIDATED DAMAGES - SUBCONTRACTING PLAN	JAN/1999
I-26	52.222-1	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES	FEB/1997
I-27	52.222-3	CONVICT LABOR	JUN/2003
I-28	52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT--OVERTIME COMPENSATION	SEP/2000
I-29	52.222-19	CHILD LABOR--COOPERATION WITH AUTHORITIES AND REMEDIES	SEP/2002
I-30	52.222-20	WALSH-HEALEY PUBLIC CONTRACTS ACT	DEC/1996
I-31	52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB/1999
I-32	52.222-26	EQUAL OPPORTUNITY	APR/2002
I-33	52.222-35	AFFIRMATIVE ACTION FOR DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA	DEC/2001
I-34	52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	JUN/1998
I-35	52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS	DEC/2001
I-36	52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA	JAN/1997
I-37	52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION	AUG/2003
I-38	52.223-6	DRUG FREE WORKPLACE	MAY/2001
I-39	52.223-14	TOXIC CHEMICAL RELEASE REPORTING	AUG/2003
I-40	52.225-8	DUTY-FREE ENTRY	FEB/2000
I-41	52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN/2003
I-42	52.226-1	UTILIZATION OF INDIAN ORGANIZATIONS AND INDIAN-OWNED ECONOMIC ENTERPRISES	JUN/2000
I-43	52.227-1	AUTHORIZATION AND CONSENT (ALTERNATE I dated April 1984)	JUL/1995
I-44	52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	AUG/1996
I-45	52.227-11	PATENT RIGHTS--RETENTION BY THE CONTRACTOR (SHORT FORM)	JUN/1997
I-46	52.228-7	INSURANCE--LIABILITY TO THIRD PERSONS	MAR/1996
I-47	52.232-9	LIMITATION ON WITHHOLDING OF PAYMENTS	APR/1984
I-48	52.232-17	INTEREST	JUN/1996
I-49	52.232-20	LIMITATION OF COST	APR/1984

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 19 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.			

	Regulatory Cite	Title	Date
I-50	52.232-23	ASSIGNMENT OF CLAIMS	JAN/1986
I-51	52.232-25	PROMPT PAYMENT	FEB/2002
I-52	52.232-33	PAYMENT BY ELECTRONIC FUNDS TRANSFER--CENTRAL CONTRACTOR REGISTRATION	OCT/2003
I-53	52.233-1	DISPUTES	JUL/2002
I-54	52.233-3	PROTEST AFTER AWARD -- (ALTERNATE I, dated JUN 1985)	AUG/1996
I-55	52.242-1	NOTICE OF INTENT TO DISALLOW COSTS	APR/1984
I-56	52.242-3	PENALTIES FOR UNALLOWABLE COSTS	MAY/2001
I-57	52.242-4	CERTIFICATION OF INDIRECT COSTS	JAN/1997
I-58	52.242-13	BANKRUPTCY	JUL/1995
I-59	52.243-2	CHANGES--COST-REIMBURSEMENT (ALTERNATE V, dated April 1984))	AUG/1987
I-60	52.244-2	SUBCONTRACTS (ALT I--AUG 1998)	AUG/1998
I-61	52.244-5	COMPETITION IN SUBCONTRACTING	DEC/1996
I-62	52.245-5	GOVERNMENT PROPERTY (COST-REIMBURSEMENT, TIME-AND-MATERIAL, OR LABOR- HOUR CONTRACTS) (Deviation, per DAR Tracking Number 99-00008, 13 July 99)	JUN/2003
I-63	52.245-12	CONTRACT PURPOSE (NONPROFIT EDUCATIONAL INSTITUTIONS)	APR/1984
I-64	52.245-19	GOVERNMENT PROPERTY FURNISHED AS-IS	APR/1984
I-65	52.246-23	LIMITATION OF LIABILITY	FEB/1997
I-66	52.249-6	TERMINATION (COST-REIMBURSEMENT)	SEP/1996
I-67	52.249-14	EXCUSABLE DELAYS	APR/1984
I-68	52.253-1	COMPUTER GENERATED FORMS	JAN/1991
I-69	252.203-7001	PROHIBITION ON PERSONS CONVICTED OF FRAUD OR OTHER DEFENSE CONTRACT- RELATED FELONIES	MAR/1999
I-70	252.204-7003	CONTROL OF GOVERNMENT PERSONNEL WORK PRODUCT	APR/1992
I-71	252.209-7000	ACQUISITION FROM SUBCONTRACTORS SUBJECT TO ON-SITE INSPECTION UNDER THE INTERMEDIATE-RANGE NUCLEAR FORCES (INF) TREATY	NOV/1995
I-72	252.209-7004	SUBCONTRACTING WITH FIRMS THAT ARE OWNED OR CONTROLLED BY THE GOVERNMENT OF A TERRORIST COUNTRY per DoD interim rule, Federal Register 27 Mar 98	MAR/1998
I-73	252.211-7005	SUBSTITUTIONS FOR MILITARY OR FEDERAL SPECIFICATIONS AND STANDARDS	FEB/2003
I-74	252.215-7000	PRICING ADJUSTMENTS	DEC/1991
I-75	252.215-7002	COST ESTIMATING SYSTEM REQUIREMENTS	OCT/1998
I-76	252.219-7003	SMALL, SMALL DISADVANTAGED AND WOMEN-OWNED SMALL BUSINESS SUBCONTRACTING PLAN (DOD CONTRACTS)	APR/1996
I-77	252.225-7004	REPORTING OF CONTRACT PERFORMANCE OUTSIDE THE UNITED STATES	APR/2003
I-78	252.225-7012	PREFERENCE FOR CERTAIN DOMESTIC COMMODITIES	FEB/2003
I-79	252.225-7014	PREFERENCE FOR DOMESTIC SPECIALTY METALS (ALT 1)	APR/2003
I-80	252.225-7016	RESTRICTION ON ACQUISITION OF BALL AND ROLLER BEARINGS	APR/2003
I-81	252.225-7017	PROHIBITION ON AWARD TO COMPANIES OWNED BY THE PEOPLE'S REPUBLIC OF CHINA	FEB/2000
I-82	252.225-7025	RESTRICTION ON ACQUISITION OF FORGINGS	APR/2003
I-83	252.225-7031	SECONDARY ARAB BOYCOTT OF ISRAEL	APR/2003
I-84	252.227-7017	IDENTIFICATION AND ASSERTION OF USE, RELEASE, OR DISCLOSURE RESTRICTIONS	JUN/1995
I-85	252.227-7018	RIGHTS IN NONCOMMERCIAL TECHNICAL DATA AND COMPUTER SOFTWARE-- SMALL BUSINESS INNOVATIVE RESEARCH (SBIR) PROGRAM	JUN/1995
I-86	252.227-7019	VALIDATION OF ASSERTED RESTRICTIONS--COMPUTER SOFTWARE	JUN/1995
I-87	252.227-7030	TECHNICAL DATA--WITHHOLDING OF PAYMENT	MAR/2000
I-88	252.227-7034	PATENTS--SUBCONTRACTS	APR/1984
I-89	252.242-7000	POSTAWARD CONFERENCE	DEC/1991
I-90	252.243-7002	REQUESTS FOR EQUITABLE ADJUSTMENT	MAR/1998
I-91	252.244-7000	SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS (DoD CONTRACTS)	MAR/2000
I-92	252.245-7001	REPORTS OF GOVERNMENT PROPERTY	MAY/1994
I-93	52.215-21	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA--MODIFICATIONS ````(ALTERNATE III (OCT 1997))	OCT/1997

(a) Exceptions from cost or pricing data.

(1) In lieu of submitting cost or pricing data for modifications under this contract, for price adjustments expected to exceed the threshold set forth at FAR 15.403-4 on the date of the agreement on price or the date of the award, whichever is later, the

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 20 of 30
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

Contractor may submit a written request for exception by submitting the information described in the following subparagraphs. The Contracting Officer may require additional supporting information, but only to the extent necessary to determine whether an exception should be granted, and whether the price is fair and reasonable--

(i) Identification of the law or regulation establishing the price offered. If the price is controlled under law by periodic rulings, reviews, or similar actions of a governmental body, attach a copy of the controlling document, unless it was previously submitted to the contracting office.

(ii) Information on modifications of contracts of subcontracts for commercial items.

(A) If--

(1) the original contract or subcontract was granted an exception from cost or pricing data requirements because the price agreed upon was based on adequate price competition, or prices set by law or regulation, or was a contract or subcontract for the acquisition of a commercial item, and

(2) the modification (to the contract or subcontract) is not exempted based on one of these exceptions, then the Contractor may provide information to establish that the modification would not change the contract or subcontract from a contract or subcontract for the acquisition of a commercial item to a contract or subcontract for the acquisition of an item other than a commercial item.

(B) For a commercial item exception, the Contractor shall provide, at a minimum, information on prices at which the same item or similar items have previously been sold that is adequate for evaluating the reasonableness of the price of the modification. Such information may include--

(1) For catalog items, a copy of or identification of the catalog and its date, or the appropriate pages for the offered items, or a statement that the catalog is on file in the buying office to which the proposal is being submitted. Provide a copy or describe current discount policies and price lists (published or unpublished), e.g., wholesale, original equipment manufacturer, or reseller. Also explain the basis of each offered price and its relationship to the established catalog price, including how the proposed price relates to the price or recent sales in quantities similar to the proposed quantities.

(2) For market-priced items, the source and date or period of the market quotation or other basis for market price, the base amount, and applicable discounts. In addition, describe the nature of the market.

(3) For items included on an active Federal Supply Service Multiple Award Schedule contract, proof that an exception has been granted for the schedule item.

(4) The Contractor grants the Contracting Officer or an authorized representative the right to examine, at any time before award, books, records, documents, or other directly pertinent records to verify any request for an exception under this clause, and the reasonableness of price. For items priced using catalog or market prices, or law or regulation, access does not extend to cost or profit information or other data relevant solely to the Contractor's determination of the prices to be offered in the catalog or marketplace.

(b) Requirements for cost or pricing data. If the Contractor is not granted an exception from the requirement to submit cost or pricing data, the following applies:

(1) The Contractor shall submit cost or pricing data and supporting attachments in accordance with Table 15-2 of FAR 15.408.

(2) As soon as practicable after agreement on price, but before contract award (except for unpriced actions), the Contractor shall submit a Certificate of Current Cost or Pricing Data, as prescribed by FAR 15.406-2.

(c) Submit the cost portion of the proposal via the following electronic media: Microsoft Office applications.

[End of Clause]

(a) The use of overtime is authorized under this contract if the overtime premium cost does not exceed -1- or the overtime premium is paid for work--

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W56HZV-04-C-0020 MOD/AMD</p>	<p style="text-align: right;">Page 21 of 30</p>
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

- (1) Necessary to cope with emergencies such as those resulting from accidents, natural disasters, breakdown of production equipment, or occasional production bottlenecks of a sporadic nature;
- (2) By indirect-labor employees such as those performing duties in connection with administration, protection, transportation, maintenance, standby plant protection, operation of utilities, or accounting;
- (3) To perform tests, industrial processes, laboratory procedures, loading or unloading of transportation conveyances, and operations in flight or afloat that are continuous in nature and cannot reasonably be interrupted or completed otherwise; or
- (4) That will result in lower overall costs to the Government.

(b) Any request for estimated overtime premiums that exceeds the amount specified above shall include all estimated overtime for contract completion and shall--

- (1) Identify the work unit; e.g., department or section in which the requested overtime will be used, together with present workload, staffing, and other data of the affected unit sufficient to permit the Contracting Officer to evaluate the necessity for the overtime;
- (2) Demonstrate the effect that denial of the request will have on the contract delivery or performance schedule;
- (3) Identify the extent to which approval of overtime would affect the performance or payments in connection with other Government contracts, together with identification of each affected contract; and
- (4) Provide reasons why the required work cannot be performed by using multishift operations or by employing additional personnel.

(End of clause)

I-95 52.243-7 NOTIFICATION OF CHANGES APR/1984

(a) Definitions. Contracting Officer, as used in this clause, does not include any representative of the Contracting Officer. Specifically authorized representative (SAR), as used in this clause, means any person the Contracting Officer has so designated by written notice (a copy of which shall be provided to the Contractor) which shall refer to this subparagraph and shall be issued to the designated representative before the SAR exercises such authority.

(b) Notice. The primary purpose of this clause is to obtain prompt reporting of Government conduct that the Contractor considers to constitute a change to this contract. Except for changes identified as such in writing and signed by the Contracting Officer, the Contractor shall notify the Administrative Contracting Officer in writing promptly, within 30 calendar days from the date that the Contractor identifies any Government conduct (including actions, inactions, and written or oral communications) that the Contractor regards as a change to the contract terms and conditions. On the basis of the most accurate information available to the Contractor, the notice shall state--

- (1) the date, nature, and circumstances of the conduct regarded as a change;
- (2) The name, function, and activity of each Government individual and Contractor official or employee involved in or knowledgeable about such conduct;
- (3) The identification of any documents and the substance of any oral communication involved in such conduct;
- (4) In the instance of alleged acceleration of scheduled performance or delivery, the basis upon which it arose;
- (5) The particular elements of contract performance for which the Contractor may seek an equitable adjustment under this clause, including--
 - (i) What contract line items have been or may be affected by the alleged change;
 - (ii) What labor or materials or both have been or may be added, deleted, or wasted by the alleged change;
 - (iii) To the extent practicable, what delay and disruption in the manner and sequence of performance and effect on continued performance have been or may be caused by the alleged change;
 - (iv) What adjustments to contract price, delivery schedule, and other provisions affected by the alleged change are estimated; and
- (6) The Contractor's estimate of the time by which the Government must respond to the Contractor's notice to minimize cost, delay or disruption of performance.

(c) Continued performance. Following submission of the notice required by (b) above, the Contractor shall diligently continue performance of this contract to the maximum extent possible in accordance with its terms and conditions as construed by the Contractor, unless the notice reports a direction of the Contracting Officer or a communication from a SAR of the Contracting Officer, in either of which events the Contractor shall continue performance; provided, however, that if the Contractor regards the direction or communication

<p style="text-align: center;">CONTINUATION SHEET</p>	<p style="text-align: center;">Reference No. of Document Being Continued</p> <p style="text-align: center;">PIIN/SIIN W56HZV-04-C-0020 MOD/AMD</p>	<p style="text-align: right;">Page 22 of 30</p>
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

as a change as described in (b) above, notice shall be given in the manner provided. All directions, communications, interpretations, orders, and similar actions of the SAR shall be reduced to writing promptly and copies furnished to the Contractor and the Contracting Officer. The Contracting Officer shall promptly countermand any action which exceeds the authority of the SAR.

(d) Government response. The Contracting Officer shall promptly, within 30 calendar days after receipt of notice, respond to the notice in writing. In responding, the Contracting Officer shall either--

(1) Confirm that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance;

(2) Countermand any communication regarded as a change;

(3) Deny that the conduct of which the Contractor gave notice constitutes a change and when necessary direct the mode of further performance; or

(4) In the event the Contractor's notice information is inadequate to make a decision under (1), (2), or (3) above, advise the Contractor what additional information is required, and establish the date by which it should be furnished and the date thereafter by which the Government will respond.

(e) Equitable adjustments.

(1) If the Contracting Officer confirms that Government conduct effected a change as alleged by the Contractor, and the conduct causes an increase or decrease in the Contractor's cost of, or the time required for, performance of any part of the work under this contract, whether changed or not changed by such conduct, an equitable adjustment shall be made--

(i) In the contract price or delivery schedule or both; and

(ii) In such other provisions of the contract as may be affected.

(2) The contract shall be modified in writing accordingly. In the case of drawings, designs or specifications which are defective and for which the Government is responsible, the equitable adjustment shall include the cost and time extension for delay reasonably incurred by the Contractor in attempting to comply with the defective drawings, designs or specifications before the Contractor identified, or should have identified, such defect. When the cost of property made obsolete or excess as a result of a change confirmed by the Contracting Officer under this clause is included in the equitable adjustment, the Contracting Officer shall have the right to prescribe the manner of disposition of the property. The equitable adjustment shall not include increased costs or time extensions for delay resulting from the Contractor's failure to provide notice or to continue performance as provided, respectively, in (b) and (c) above.

NOTE: The phrases contract price and cost wherever they appear in the clause, may be appropriately modified to apply to cost-reimbursement or incentive contracts, or to combinations thereof.

[End of Clause]

I-96 52.219-4 NOTICE OF PRICE EVALUATION FOR HUBZONE SMALL BUSINESS CONCERNS JAN/1999

(a) Definition. HUBZone small business concern, as used in this clause, means a small business concern that appears on the List of Qualified HUBZone Small Business Concerns maintained by the Small Business Administration.

(b) Evaluation preference.

(1) Offers will be evaluated by adding a factor of 10 percent to the price of all offers, except--

(i) Offers from HUBZone small business concerns that have not waived the evaluation preference;

(ii) Otherwise successful offers from small business concerns;

(iii) Otherwise successful offers of eligible products under the Trade Agreements Act when the dollar threshold for application of the Act is exceeded (see 25.402 of the Federal Acquisition Regulation (FAR)); and

(iv) Otherwise successful offers where application of the factor would be inconsistent with a Memorandum of Understanding or other international agreement with a foreign government.

(2) The factor of 10 percent shall be applied on a line item basis or to any group of items on which award may be made. Other evaluation factors described in the solicitation shall be applied before application of the factor.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 23 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

(3) A concern that is both a HUBZone small business concern and a small disadvantaged business concern will receive the benefit of both the HUBZone small business price evaluation preference and the small disadvantaged business price evaluation adjustment (see FAR clause 52.219-23). Each applicable price evaluation preference or adjustment shall be calculated independently against an offeror's base offer. These individual preference amounts shall be added together to arrive at the total evaluated price for that offer.

(c) Waiver of evaluation preference. A HUBZone small business concern may elect to waive the evaluation preference, in which case the factor will be added to its offer for evaluation purposes. The agreements in paragraph (d) of this clause do not apply if the offeror has waived the evaluation preference.

[] Offer elects to waive the evaluation preference.

(d) Agreement. A HUBZone small business concern agrees that in the performance of the contract, in the case of a contract for

(1) Services (except construction), at least 50 percent of the cost of personnel for contract performance will be spent for employees of the concern or employees of other HUBZone small business concerns;

(2) Supplies (other than procurement from a nonmanufacturer of such supplies), at least 50 percent of the cost of manufacturing, excluding the cost of materials, will be performed by the concern or other HUBZone small business concerns;

(3) General construction, at least 15 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns; or

(4) Construction by special trade contractors, at least 25 percent of the cost of the contract performance incurred for personnel will be spent on the concern's employees or the employees of other HUBZone small business concerns.

(e) A HUBZone joint venture agrees that in the performance of the contract, the applicable percentage specified in paragraph (d) of this clause will be performed by the HUBZone small business participant or participants;

(f) A HUBZone small business concern nonmanufacturer agrees to furnish in performing this contract only end items manufactured or produced by HUBZone small business manufacturer concerns. This paragraph does not apply in connection with construction or service contracts.

[End of Clause]

I-97 52.223-11 OZONE-DEPLETING SUBSTANCES MAY/2001

(a) Definition. Ozone-depleting substance, as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as--

(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or

(2) Class II, including but not limited to, hydrochlorofluorocarbons.

(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j(b), (c), and (d) and 40 CFR Part 82, Subpart E, as follows:

WARNING: Contains (or manufactured with, if applicable) _____ * _____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.

*The Contractor shall insert the name of the substance(s).

[End of Clause]

I-98 52.244-6 SUBCONTRACTS FOR COMMERCIAL ITEMS AND COMMERCIAL COMPONENTS APR/2003

(a) Definitions. As used in this clause--

(1) "Commercial item," as used in this clause, has the meaning contained in the clause at 52.202-1, Definitions.

(2) "Subcontract," as used in this clause, includes a transfer of commercial items between divisions, subsidiaries, or affiliates of the Contractor or subcontractor at any tier.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 24 of 30
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Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

(b) To the maximum extent practicable, the Contractor shall incorporate, and require its subcontractors at all tiers to incorporate, commercial items or nondevelopmental items as components of items to be supplied under this contract.

(c)

(1) The contractor shall insert the following clauses in subcontracts for commercial items:

(i) 52.219-8, Utilization of Small Business Concerns (OCT 2000)(15U.S.C. 637(d)(2) and (3)), in all subcontracts that offer subcontracting opportunities. If the subcontract (except subcontracts to small business concerns) exceeds \$500,000 (\$1,000,000 for construction of any public facility), the subcontractor must include 52.219-8 in lower tier subcontracts that offer subcontracting opportunities.

(ii) 52.222-26, Equal Opportunity (APR 2002)(E.O. 11246);

(iii) 52.222-35, Equal Opportunity for Special Disabled Veterans, Veterans of the Vietnam Era, and Other Eligible Veterans (Dec 2001) (38 U.S.C. 4212(a));

(iv) 52.222-36, Affirmative Action for Workers with Disabilities (JUN 1998)(29 U.S.C. 793);

(v) 52.247-64, Preference for Privately Owned U.S.-Flag Commercial Vessels (APR 2003) (46 U.S.C. Appx 1241 and 10 U.S.C. 2631) (flow down required in accordance with paragraph (d) of FAR clause 52.247-64).

(2) While not required, the Contractor may flow down to subcontracts for commercial items a minimum number of additional clauses necessary to satisfy its contractual obligations.

(d) The Contractor shall include the terms of this clause, including this paragraph (d), in subcontracts awarded under this contract.

[End of Clause]

I-99 52.252-6 AUTHORIZED DEVIATIONS IN CLAUSES APR/1984

(a) The use in this solicitation or contract of any Federal Acquisition Regulation (48 CFR Chapter 1) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the date of the clause.

(b) The use in this solicitation or contract of any DoD FAR Supplement (DFARS) (48 CFR 2) clause with an authorized deviation is indicated by the addition of (DEVIATION) after the name of the regulation.

[End of Clause]

I-100 252.204-7004 REQUIRED CENTRAL CONTRACTOR REGISTRATION NOV/2001

(a) Definitions. As used in this clause--

(1) Central Contractor Registration (CCR) database means the primary DoD repository for contractor information required for the conduct of business with DoD.

(2) Data Universal Numbering System (DUNS) number means the 9-digit number assigned by Dun and Bradstreet Information Services to identify unique business entities.

(3) Data Universal Numbering System +4 (DUNS+4) number means the DUNS number assigned by Dun and Bradstreet plus a 4-digit suffix that may be assigned by a parent (controlling) business concern. This 4-digit suffix may be assigned at the discretion of the parent business concern for such purposes as identifying subunits or affiliates of the parent business concern.

(4) Registered in the CCR database means that all mandatory information, including the DUNS number or the DUNS+4 number, if applicable, and the corresponding Commercial and Government Entity (CAGE) code, is in the CCR database; the DUNS number and the CAGE code have been validated; and all edits have been successfully completed.

(b)

(1) By submission of an offer, the offeror acknowledges the requirement that a prospective awardee must be registered in the CCR database prior to award, during performance, and through final payment of any contract resulting from this solicitation, except for awards to foreign vendors for work to be performed outside the United States.

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 25 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

(2) The offeror shall provide its DUNS or, if applicable, its DUNS+4 number with its offer, which will be used by the Contracting Officer to verify that the offeror is registered in the CCR database.

(3) Lack of registration in the CCR database will make an offeror ineligible for award.

(4) DoD has established a goal of registering an applicant in the CCR database within 48 hours after receipt of a complete and accurate application via the Internet. However, registration of an applicant submitting an application through a method other than the Internet may take up to 30 days. Therefore, offerors that are not registered should consider applying for registration immediately upon receipt of this solicitation.

(c) The Contractor is responsible for the accuracy and completeness of the data within the CCR, and for any liability resulting from the Government's reliance on inaccurate or incomplete data. To remain registered in the CCR database after the initial registration, the Contractor is required to confirm on an annual basis that its information in the CCR database is accurate and complete.

(d) Offerors and contractors may obtain information on registration and annual confirmation requirements by calling 1-888-227-2423, or via the Internet at <http://www.ccr.gov>.

[End of Clause]

I-101 252.225-7015 PREFERENCE FOR DOMESTIC HAND OR MEASURING TOOLS DEC/1991
The Contractor agrees to deliver under this contract only hand or measuring tools produced in the United States or its possessions.
(End of clause)

I-102 252.247-7024 NOTIFICATION OF TRANSPORTATION OF SUPPLIES BY SEA MAR/2000

(a) The Contractor has indicated by the response to the solicitation provision, Representation of Extent of Transportation by Sea, that it did not anticipate transporting by sea any supplies. If however, after the award of this contract, the Contractor learns that supplies, as defined in the Transportation of Supplies by Sea clause of this contract, will be transported by sea, the Contractor--

(1) Shall notify the Contracting Officer of that fact; and

(2) Hereby agrees to comply with all the terms and conditions of the Transportation of Supplies by Sea clause of this contract.

(b) The Contractor shall include this clause, including this paragraph (b), revised as necessary to reflect the relationship of the contracting parties

(1) In all subcontracts hereunder, if this contract is a construction contract; or

(2) If this contract is not a construction contract, in all subcontracts under this contract that are for--

(i) Noncommercial items; or

(ii) Commercial items that--

(A) The Contractor is reselling or distributing to the Government without adding value (generally, the Contractor does not add value to items that it subcontracts for f.o.b. destination shipment);

(B) Are shipped in direct support of U.S. military contingency operations, exercises, or forces deployed in humanitarian or peacekeeping operations; or

(C) Are commissary or exchange cargoes transported outside of the Defense Transportation System in accordance with 10 U.S.C. 2643.

[End of Clause]

I-103 52.204-4009 MANDATORY USE OF CONTRACTOR TO GOVERNMENT ELECTRONIC COMMUNICATION JUN/1999
(TACOM)

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 26 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

(a) All references in the contract to the submission of written documentation shall mean electronic submission. All electronic submissions shall be in the formats and media described in the "Electronic Quotations/Offers/Bids Required in Response to this Request for Quotations/Proposals/Bids" clause elsewhere in this document. (See Section K for commercial acquisitions, Section L for RFPs, and Section I for RFQs.)

(b) This shall include all written unclassified communications between the Government and the Contractor except contract awards and contract modifications which shall be posted on the internet. Return receipt shall be used if a commercial application is available. Classified information shall be handled in full accordance with the appropriate security requirements.

(c) In order to be contractually binding, all Government communications requiring a Contracting Officer signature must be sent from the Contracting Officer's e-mail address. The Contractor shall designate the personnel with signature authority who can contractually bind the contractor. All binding contractor communication shall be sent from this contractor e-mail address(es).

(d) Upon award, the Contractor shall provide the Contracting Officer with a list of e-mail addresses for all administrative and technical personnel assigned to this contract.

(e) Unless exempted by the Procuring Contracting Officer in writing, all unclassified written communication after contract award shall be transmitted electronically.

[End of Clause]

I-104	52.215-4404	DATA AND COMMUNICATIONS SUBMITTED TO THE GOVERNMENT ELECTRONICALLY	MAY/2002
	(TACOM)		

(a) The Government often employs contractors as system administrators to operate and maintain Government computer systems. These systems include local area networks, web sites, databases, other electronic records, e-mail accounts, other electronic data transfer mechanisms and computer software. The employees of these contracted system administrators sign nondisclosure agreements obligating them not to reveal information contained in files, documents, computers or systems that they administer. However, unless such information is protected in some way, contracted system administrators do have the ability to access such information.

(b) Potential contractors as well as any other parties are thus advised to take steps needed to prevent access by contracted system administrators to information submitted electronically to the Government. Absent such steps, it is assumed that contracted system administrators are permitted the capability to access the data. The access will be limited to that which is necessary for the contract system administrator to perform its duties for the Government. The access shall be subject to the condition that third party information is not to be revealed by the contracted system administrator.

[End of Clause]

I-105	52.215-4405	ACCESS TO THE DETROIT ARSENAL; IDENTIFYING CONTRACTOR EMPLOYEES; NON-	NOV/2002
	(TACOM)	DISCLOSURE STATEMENT	

1. This requirement is only applicable to contractor employees working at, or visiting, Detroit Arsenal. The term "contractor employee" includes employees, agents, or representatives and all employees, agents or representatives of all subcontractors and suppliers.

2. (A) Badges/Passes: Contractor employees entering the Detroit Arsenal are responsible for obtaining, and then returning, security identification badges/passes and vehicle registration decals/passes. Badges are valid only for the date spans indicated, by the Government, on each badge application form (STA Form 15 or 4109).

(B) Obtaining Badges:

"PICTURE" badges (generally issued to longer term visitors):

Furnish the Requiring Office or Procuring Contracting Officer (PCO) with two (2) copies, fully completed (those sections for each applicant), and signed, of STA Form 15 for each applicant;

"NON-PICTURE" badges (generally issued to shorter term visitors):

Upon arriving at the Detroit Arsenal at the TACOM Public Safety Office, Bldg. 232, complete a STA Form 4109 for the specific short term visit in question.

(C) Returning Badges (to the TACOM Public Safety Office, Building 232).

--Return Non-picture badges upon its expiration date.

--Return Picture badges within (3) three business days of any of the following:

The access-expiration date specified on the STA Form 15
If the contract is terminated, the date of termination;

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 27 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

If a visiting contractor employee is released, the date of employee release.

--Failure to comply with the requirements of this paragraph 2C may be grounds for withholding any funds due the contractor until completion of the requirement, notwithstanding any other clause or requirements in the contract. Failure to comply may also be taken into account by the Government in evaluating the contractor's past performance on future acquisitions .

(D) All contractor employees, while on the premises at TACOM Warren, shall continually wear the badge, which shall be visible at all times.

(E) The identification badge or pass issued to employees of the contractor is for his own use only. Misuse of the badge or pass, such as permitting others to use it will result in criminal charges under Title 18 USC 499 and 701, and barring the employee from the Detroit Arsenal property.

(F) If the contractor obtains a new or follow-on contract that again requires physical access to the Detroit Arsenal property, he shall obtain new badges for his employees, indicating the new or follow-on contract number. The security policies described in this clause apply to any contractor employee on base in connection with any contract with TACOM-Warren.

3. At the discretion of the Detroit Arsenal Commander, any individual known to have a criminal background involving violence may be denied access to the Detroit Arsenal. Fingerprinting of employees and any other procedure deemed necessary for the security of Detroit Arsenal may be required at the discretion of Detroit Arsenal Public Safety Office.

4. Any contractor employee attending meetings with Government employees within or outside the Detroit Arsenal boundaries, shall, at the beginning of the meeting, announce that he/she is a contractor employee. He/she must state the Contractor's name and address, and state the name of all other companies or persons that (a) currently employ him, or (b) that he currently represents. In addition, for the duration of the meetings, the contractor employee shall wear a second visible badge that displays the contractor's company name.

5. If a visiting contractor is working on a classified contract, his/her visit request, with security clearance information, must be approved by the Detroit Arsenal Industrial Security Specialist and be held on file the Detroit Arsenal Intelligence and Security Division. Government employees hosting meetings will verify that the contractor employees security clearance information is on file in the Detroit Arsenal Intelligence and Security Division prior to contractor access to classified information.

6. All contractor employees working on the U.S. Army installation, Detroit Arsenal, in the State of Michigan, in connection with this contract, shall conform to all applicable federal or state laws, and published rules and regulations of the Departments of Defense and Army. Also, they must comply with any existing applicable regulations promulgated by Detroit Arsenal. Additionally, all contractor employees working on classified contracts shall comply with the requirements of the National Industrial Security Program (NISPO) and Army Regulation 380-5, Department of the Army Information Security Program.

7. Each contractor employee working at the Detroit Arsenal property under this contract shall sign a Non-disclosure Agreement on their company's letterhead prior to commencing work under the contract or obtaining the badges permitting access to the property. There will be one Non-disclosure Agreement for each employee. The Non-disclosure Agreement shall be in the format indicated below. A copy of the agreement will be made a part of the contract file.

FORMAT FOR
NON-DISCLOSURE AGREEMENT

I, _____, an employee of _____, a Contractor providing support services/supplies to Detroit Arsenal or its tenants (hereinafter Detroit Arsenal), and likely to have access to nonpublic information (hereinafter RECIPIENT), under contract number _____, agree to and promise the following:

WHEREAS RECEIPT is engaged in delivery support services to Detroit Arsenal under contract; and

WHEREAS, It is the intention of Detroit Arsenal to protect and prevent unauthorized access to and disclosure of nonpublic information to anyone other than employees of the United States Government who have a need to know; and, WHEREAS, Detroit Arsenal acknowledges that RECIPIENT will from time to time have or require access to such nonpublic information in the course of delivering the contract services; and,

WHEREAS, RECIPIENT may be given or other have access to nonpublic information while providing such services; and,

WHEREAS, "nonpublic information" includes, but is not limited to such information as:

Proprietary information (e.g., information submitted by a contractor marked as proprietary. However please note: THIS NON-DISCLOSURE STATEMENT IS NOT SUFFICIENT TO ALLOW CONTRACTORS ACCESS TO ANOTHER CONTRACTORS PROPRIETARY INFORMATION. FOR THAT, A SEPARATE CONTRACTOR TO CONTRACTOR AGREEMENT IS REQUIRED.);

Advanced procurement information (e.g., future requirements, statements of work, and acquisition strategies);

Source selection information (SSI) (e.g., bids before made public, source selection plans, and rankings of proposals)(PLEASE NOTE: THIS AGREEMENT ALONE DOES NOT AUTHORIZE ACCESS TO SSI--ONLY PCO OR SOURCE SELECTION AUTHORITY CAN AUTHORIZE SUCH ACCESS.);

Trade secrets and other confidential business information (e.g., confidential business information submitted by the contractor);

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 28 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

Attorney work product;
Information protected by the Privacy Act (e.g., social security numbers, home addresses and telephone numbers); and
Other sensitive information that would not be released by Detroit Arsenal under the Freedom of Information Act (e.g., program, planning and budgeting system information);
NOW THEREFORE, RECIPIENT agrees to and promises as follows:

RECIPIENT shall not seek access to nonpublic information beyond what is required for the performance of the support services contract;

RECIPIENT will ensure that his or her status as a contractor employee is known when seeking access to and receiving such nonpublic information of Government employees;

As to any nonpublic information to which RECIPIENT has or is given access, RECIPIENT shall not use or disclose such information for any purpose other than providing the contract support services, and will not use or disclose the information to any unauthorized person or entity for personal, commercial, or any unauthorized purposes; and

If RECIPIENT becomes aware of any improper release or disclosure of such nonpublic information, RECIPIENT will advise the contracting officer in writing as soon as possible.

The RECIPIENT agrees to return any nonpublic information given to him or her pursuant to this agreement, including any transcriptions by RECIPIENT of nonpublic information to which RECIPIENT was given access, if not already destroyed, when RECIPIENT no longer performs work under the contract.

RECIPIENT understands that any unauthorized use, release or disclosure of nonpublic information in violation of this Agreement will subject the RECIPIENT and the RECIPIENT's employer to administrative, civil or criminal remedies as may be authorized by law.

RECIPIENT: _____ (signature)
PRINTED NAME: _____
TITLE: _____
EMPLOYER: _____

[End of clause]

I-106 52.215-4406 AUTOMATED INFORMATION SYSTEM SECURITY REQUIREMENT NOV/2002

1. The Contractor must comply with all Department of the Army Directives, AR 380-19, AMC Suppl 1 to AR 380-19 and Army Material Command (AMC) security directives, Corporate Information Office (CIO) and Directorate Intelligence Security Division, memorandums, and numbered messages. All new systems require accreditation and certification that connect to TACOM computer systems and must be approved by the CIO before connection is accepted. Personnel who require access to Sensitive But Unclassified (SBU) defense information because of their duties in accessing Automation Information System (AIS) equipment or software will be appropriately investigated based on the sensitivity of the Automated Data Processing (ADP) position held. ADP sensitivity designations are ADP-I for Critical-sensitive, ADP-II for Noncritical-sensitive and ADP III for Non-sensitive. Before contractor employee can obtain access to ADP hardware/software, an investigation must be completed.

2. If the contractor needs remote access to TACOM-Warren ADP systems and SBU information will be accessed during the contract, the contractor must use a National Security Agency approved method to encrypt the information if it is sent/received outside this Command. The use of a commercial Internet Service Provider for receipt of government information is prohibited. A Terminal Server Access Controller System (TSACS) Account must be established and used for government email and installed on a government machine.

3. The security measures below are consistent with Department of the Army security policies and directives and are required to protect the TACOM-Wide Network (TWNET). The goal is to ensure the confidentiality, integrity, and availability of Department of the Army automation assets and software and to reduce cracker, hacker, and malicious code attacks to the maximum extent possible.

4. Contractor personnel, who require access to SBU defense information because of their duties with an automated information system, will be appropriately investigated based on the sensitivity of the ADP position held. ADP sensitivity designations are ADP-I for Critical-sensitive, ADP-II for Noncritical-sensitive and ADP-III for Non-sensitive. Before assumption of duties, an SF85P or SF86 must be completed and sent by your Facility Security Officer (FSO) directly to Defense Security Service (DSS) for each individual requiring access. The contractor is responsible for providing the Electronic Personnel Security Questionnaire (EPSQ) receipt to AMSTA-CM-XSC, datafax (586) 574-6362. A copy of the SF85P or SF86 can be mailed to: Commander, U.S. Army Tank-automotive and Armaments Command, 6501 E. 11 Mile Road, ATTN: AMSTA-CM-XSC, Warren, MI 48397-5000. The Contractor is responsible for submitting their required security investigations to the Defense Investigative Service Clearance Office (DISCO). Upon request, the contractor will provide security investigation data to Directorate, Intelligence Security Division in order that personnel can be incorporated into the TACOM-Warren Security Clearance Roster.

5. Contractor personnel assigned to ADP II positions must complete a National Agency Check (NAC) or a National Agency Check with Inquiries (NACI) and a SF 86 and FD 258 (fingerprint card). These documents must be completed before access can be granted to a Department of Army automation network. Each contractor employee must submit a SF86 in the EPSQ format. The EPSQ software can be found at www.dss.mil/epsq/index.htm. Note: Local police departments will normally take fingerprints for a small fee. An alternative is to

CONTINUATION SHEET	Reference No. of Document Being Continued PIIN/SIIN W56HZV-04-C-0020 MOD/AMD	Page 29 of 30
Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.		

- make an appointment with the nearest DoD facility that has a Security office trained and equipped to take fingerprints.
6. Each contractor employee who has access to TACOM computers must read and sign a copy of the Automated Information System Annual Security Briefing which can be obtained from your TACOM-Warren Information Assurance Security Officer (IASO).
 7. The contractor will be required to submit application forms for network access.
 8. TACOM is not responsible for any commercial or proprietary information that contractor employees may divulge to competing contractors. It is the contractors responsibility to notify TACOM when their employee(s) with access to the TACOM TWNET terminate employment. It is TACOMs policy to delete the contractor employees TWNET account at the end of their employment with a contractor. However, TACOM is not responsible and has no employment relationship with contractor employees and will not be responsible for the actions of contractor employees who divulge commercial or proprietary information to others.
 9. A remote connection to TACOMs systems requires an Accreditation and Certification process for each AIS. The accreditation request must be reviewed by the Information Assurance Manager (IAM) and then forwarded to the Designated Approving Authority (DAA) for final approval before connection is accepted.
 10. In accordance with Department of the Army Directives, AR 380-19, and AMC Suppl 1 to AR 380-19, the contractor must have malicious code protection on the computers that are connected to the TWNET. Malicious code protection must be monitored daily for updates and immediate implementation. TACOM-Warren uses the most current version of Norton Anti-virus software and McAfee Anti-virus software. The contractor must report any malicious code problems or thefts of equipment, software, or code to the TACOM-Warren IASO and IAM.
 11. The contractor must:
 - (1) Secure the computer equipment and information associated with this contract in a locked office or container, and locked building.
 - Ensure only personnel designated to work on this contract have access to the computer equipment and information.
 - (3) Ensure that Foreign Nationals do not have access to this equipment and information.
 - (4) Identify the physical security measures (i.e. locked office, locked buildings, building alarms etc.) in place to protect the contracts associated equipment and information at the contractor location. A short description and facility diagram shall be included.
 12. Upon completion of the project/contract, the contractor will notify the TACOM-Warren IASO.

[End of clause]

CONTINUATION SHEET	Reference No. of Document Being Continued		Page 30 of 30
	PIIN/SIIN W56HZV-04-C-0020	MOD/AMD	

Name of Offeror or Contractor: ENGINEERED MACHINED PRODUCTS, INC.

SECTION J - LIST OF ATTACHMENTS

List of Addenda	Title	Date	Number of Pages	Transmitted By
Exhibit A	CONTRACT DATA REQUIREMENTS LIST (DD FORM 1423)			

CONTRACT DATA REPORTING LIST (DD Form 1423)

Form Approval OMB No. 0704-0188

Public reporting burden for this collection of information is estimated to average 440 hours per response, including the time for retrieving instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to Department of Defense, Washington, Suite 1204, Arlington, VA 22202-4302, and to the Office of Management and Budget, Paperwork Reduction Project (0704-0188), Washington, DC 20503. Please DO NOT RETURN your form to either of these addresses. Send completed form to the Government Issuing Contracting Officer for the Contract No. listed in Block E.

A. CONTRACT LINE ITEM NO.: 0002 D. SYSTEM/ITEM.....:
B. EXHIBIT.....: A E. CONTRACT NO.....: W56HZV-04-C-0020
C. CATEGORY.....: Phase II SBIR Program F. CONTRACTOR.....: Engineered Machined Products

1. DATA ITEM NO.....: A001
2. TITLE OF DATA ITEM....: Contractor's Progress, Status, and Management Report
3. SUBTITLE.....:

4. AUTHORITY.....: DI-MGMT-80227(T)
5. CONTRACT REFERENCES...: Scope of Work (SOW), Sections C.6.1
6. REQUIRING OFFICE.....: AMSTA-TR-R 9. DIST. STATEMENT REQUIRED: 12. DATE OF FIRST SUB:
See Block 16
7. DD250 REQ.....: LT 10. FREQUENCY: See Block 16 13. DATE OF SUBS. SUB:
See Block 16
8. APP CODE.....: 11. AS OF DATE:

14. DISTRIBUTION	A. ADDRESSES	B. COPIES:	DRAFT	FINAL
	Russell Kouba, Contracting Officer's Representative (COR), E-mail, koubar@tacom.army.mil			1
	Tom Sargee, Contract Specialist, E-mail:sargeet@tacom.army.mil			1
	Marla Armstrong, Administrative Contracting Officer, E-mail: Marla.Armstrong@dcma.mil			1
		15. TOTAL:		1 *

* In distributing the electronic report, according to the schedule in Block 16 below, the Contractor shall deliver one (1) copy to the Government, sent to Mr. Kouba's, Mr. Sargee's, and Ms. Armstrong's e-mail addresses.

16. REMARKS:

a. The Contractor shall deliver a report every other month, from the date of contract award, in accordance with (IAW) Data Item Description (DID) DI-MGMT-80227(T) (Contractor's Progress, Status, and Management Report).

b. Complete the reports in accordance with (IAW) Data Item Description (DID) DI-MGMT-80227(T), "Contractor's Progress, Status, and Management Report." The COR is responsible for accepting or rejecting the "Contractor's Progress, Status, and Management Reports." See DID DI-MGMT-80227, at the internet address below, for instructions on completing the required report. Note Tailoring: Delete paragraphs 10.3g, k, and l from DID DI-MGMT-80227.

<http://assist.daps.dla.mil/docimages/0001/48/17/DI80227.PD8>

c. Prepare the reports in the Contractor's format. Submit the reports using any of the following electronic formats:

(1) Files readable using these Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower): Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable. Executable files, other than self-extracting compressed files, are unacceptable.

(2) Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic report, and

be accessible offline.

(4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten calendar days before the draft report's due date. All alternate methods must be at no cost to the Government.

NOTES: (a) The above formats may be submitted in compressed form using self-extracting files.

(b) Files may be read-only, password protected.

d. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, other acceptable media include 100 or 250 Megabyte Zip*-disk, 3 1/2 inch disk, or 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Any compressed files must be self-extracting, and you must provide appropriate instructions. You may use multiple e-mail messages if necessary, however, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."

(2) 100 or 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number.

NOTE: Please select only one medium by which to transmit each report. For instance, do not submit a report via e-mail and 100 megabyte Zip*-disk.

* Registered Trademark

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.....:	A002			
2. TITLE OF DATA ITEM....:	Scientific and Technical Report			
3. SUBTITLE.....:	Final Technical Report			
4. AUTHORITY.....:	DI-MISC-80711A(T)			
5. CONTRACT REFERENCES....:	Scope of Work (SOW), Sections C.6.2			
6. REQUIRING OFFICE.....:	AMSTA-TR-R	9. DIST. STATEMENT REQUIRED:		12. DATE OF FIRST SUB: See Block 16
7. DD250 REQ.....:	DD	10. FREQUENCY:	See Block 16	13. DATE OF SUBS. SUB: See Block 16
8. APP CODE.....:		11. AS OF DATE:		

14. DISTRIBUTION	A. ADDRESSES	B. COPIES:	DRAFT	FINAL
Russell Kouba, Contracting Officer's Representative (COR), E-mail, Koubar@tacom.army.mil			1	1
Tom Sargee, Contract Specialist, E-mail: Sargeet@tacom.army.mil				1
Marla Armstrong, Administrative Contracting Officer, E-mail: Marla.Armstrong@dcma.mil				1
		15. TOTAL:	1	1 *

* In distributing the electronic report, according to the schedule in Block 16 below, the Contractor shall deliver one (1) copy to the Government, sent to Mr. Kouba's, Mr. Sargee's, and Ms. Armstrong's e-mail addresses.

16. REMARKS:

a. The Contractor shall deliver one (1) draft "Final Technical Report," by eleven (11) months and ten (10) days after contract award. Besides the data required by DI-MISC-80711A(T), the draft report shall include all test data related to the new fan / blower, charts, electronic modeling and drawings and electronic models resulting from this contract. The draft report shall also include a completed Standard Form (SF) 298 (Report Documentation Page) as the report's cover sheet. The COR will review the draft report and return it to the Contractor within ten (10) days of receipt with comments, if necessary. The Contractor shall submit one (1) final "Final Technical Report" within ten (10) days after receipt of draft comments.

b. Complete the reports IAW DID DI-MISC-80711A(T), "Technical Report - Study/Services." The COR is responsible for accepting or rejecting the draft and final reports, and for submitting the approved final report to the Defense Technical Information Center (DTIC), in Ft. Belvoir, VA. See the data item description (DI-MISC-80711A), at the internet address below, for instructions on completing the required report. Note Tailoring: Delete paragraph 10.2 from DID DI-MISC-80711A.

<http://assist.daps.dla.mil/docimages/0002/27/88/80711A.PD4>

You may download the SF 298 from the following internet address:

<http://www.dtic.mil/dtic/forms/sf298template.doc>

You may download basic instructions for completing the SF 298 form, from the following internet address:

http://www.dtic.mil/dtic/forms/SF298_MS67.doc

Here are some additional instructions for completing the SF 298 form, that apply when submitting reports under the SBIR Program:

For each unclassified report, the Contractor shall fill in Block 12a (Distribution/Availability Statement) of the SF 298 with one of the following statements:

- (a) Approved for public release; distribution unlimited
- (b) Distribution authorized to U.S. Government Agencies only; contains proprietary information

Note: After reviewing the Contractor's entry in Block 12a, TACOM has final responsibility for assigning a distribution statement.

Block 13 (Abstract) of the SF 298 must include the first sentence, "Report developed under SBIR contract for topic A02-233." The abstract must identify the purpose of the work and briefly describe the work carried out, the finding or results, and the potential applications of the effort. Since the Department of Defense (DOD) will be publishing the abstract, it must not contain any proprietary or classified data.

Block 14 (Subject Terms) of the SF 298 must include the term "SBIR Report."

d. Prepare the reports in the Contractor's format. Submit the reports using any of the following electronic formats:

(1) Files readable using these Microsoft* 97 Office Products (TACOM can currently read OFFICE 97* and lower): Word, Excel, PowerPoint, or Access. Spreadsheets must be sent in a file format that includes all formulae, macro and format information. Print image is not acceptable. Executable files, other than self-extracting compressed files, are unacceptable.

(2) Files in Adobe PDF (Portable Document Format). Scanners should be set to 200 dots per inch.

(3) Files in HTML (Hypertext Markup Language). HTML documents must not contain active links to live Internet sites or pages. All linked information must be contained within your electronic report, and be accessible offline.

(4) Other electronic formats. Before preparing your report in any other electronic format, please e-mail the COR, with an e-mail copy-furnished to amsta-idq@tacom.army.mil, to obtain a decision as to the format's acceptability. This e-mail must be received by the COR not later than ten calendar days before the

draft report's due date. All alternate methods must be at no cost to the Government.

- NOTES:
- (a) The above formats may be submitted in compressed form using self-extracting files.
 - (b) Files may be read-only, password protected.

e. Acceptable media: The Contractor shall submit reports via e-mail. If e-mail is not workable, other acceptable media include 100 or 250 Megabyte Zip*-disk, 3 1/2 inch disk, or 650 megabyte CD ROM. Identify the software application and version used to create each file submitted.

(1) E-MAIL. Maximum size of each e-mail message shall be three and one-half (3.5) megabytes. Any compressed files must be self-extracting, and you must provide appropriate instructions. You may use multiple e-mail messages if necessary, however, you must annotate the subject lines in this manner: "Message 1 of 3, 2 of 3, 3 of 3."

(2) 100 or 250 MEGABYTE ZIP*-DISK, 3 1/2 INCH DISK, OR 650 MEGABYTE CD ROM via U.S. Mail or other carrier. The Contractor shall label all submitted disks with the Contract number, the Contractor's name and address, and a contact's phone number.

NOTE: Please select only one medium by which to transmit each report. For instance, do not submit a report via e-mail and 100 megabyte Zip*-disk.

* Registered Trademark

17. PRICE GROUP:

18. ESTIMATED TOTAL PRICE:

1. DATA ITEM NO.....: A003		
2. TITLE OF DATA ITEM....: Presentation Materials		
3. SUBTITLE.....:		
4. AUTHORITY.....: DI-ADMN-81373(T)		
5. CONTRACT REFERENCES...: Scope of Work (SOW), Sections C.6.3		
6. REQUIRING OFFICE.....: AMSTA-TR-R	9. DIST. STATEMENT REQUIRED:	12. DATE OF FIRST SUB: See Block 16
7. DD250 REQ.....: DD	10. FREQUENCY: See Block 16	13. DATE OF SUBS. SUB: See Block 16
8. APP CODE.....:	11. AS OF DATE:	

14. DISTRIBUTION	A. ADDRESSES	B. COPIES:	DRAFT	FINAL
Russell Kouba, Contracting Officer's Representative (COR), E-mail, Koubar@tacom.army.mil				2

15. TOTAL: 2

16. REMARKS:

- a. See DID DI-ADMN-81373, at the following internet address:

<http://assist.daps.dla.docimages/0001/58/88/81373.PD2>

Note Tailoring: Add the following requirements to DID DI-ADMN-81373:

10.3 Requirement. Contractor shall prepare portable 3-panel display board, approximately 72Wx30H in size.

10.3.1 Left panel to include: Purpose, Problem, and Procedure

10.3.2 Center panel to include: Title, Illustrations/Photos and/or Graphics/Charts

10.3.3 Right panel to include: Results and Conclusions

10.3.4 Contractor to deliver two (2) such display boards. The first board is due six (6) months after contract award, and the second board is due by twelve (12) months after contract award.

b. Send the display boards to Mr. Kouba, the COR, at the following address:

Mr. Russell Kouba (AMSTA-TAR-N, MS 272)
U.S. Army Tank-automotive and Armaments Command
6501 E. 11 Mile Rd.
Warren, Michigan 48397-5000

c. The COR is responsible for accepting or rejecting the delivered boards.